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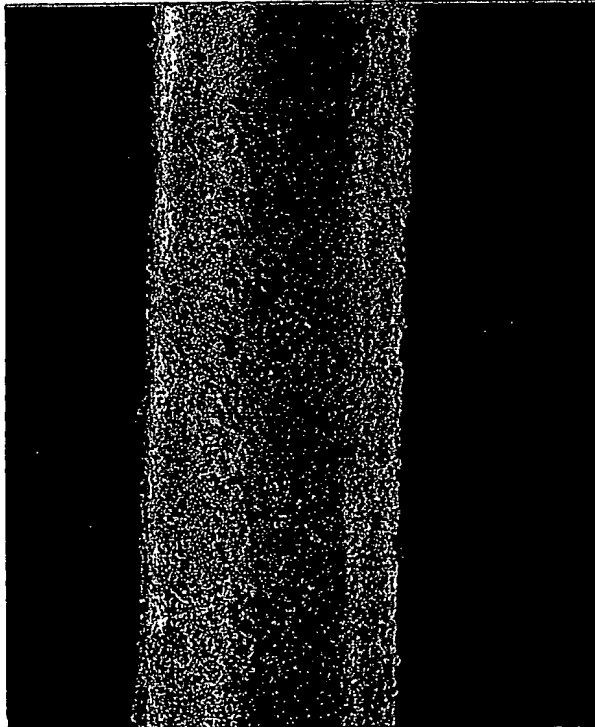
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(54) Title: COMPOSITION, USE AND MANUFACTURE OF BIOACTIVE GLASS



(57) Abstract: The invention relates to a bioac-
tive glass composition comprising SiO₂, Na₂O,
CaO, K₂O, MgO, P₂O₅ and B₂O₃. According to
the invention, the amount of SiO₂ is 51-56 wt-%
of the starting oxides, Na₂O is 7-9 wt-% of the
starting oxides, CaO is 21-23 wt-% of the start-
ing oxides, K₂O is 10-12 wt-% of the starting
oxides, MgO is 1-4 wt-% of the starting oxides,
P₂O₅ is 0,5-1,5 wt-% of the starting oxides, B₂O₃
is 0-1 wt-% of the starting oxides, provided that
the total amount of Na₂O and K₂O is 17-20 wt-%
of the starting oxides. The invention further re-
lates to the use of said bioactive glass compo-
sition and the manufacturing of said bioactive
glass composition.

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